



#3 2875

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

**INVENTORS:** Densen Cao  
**DOCKET:** 5061.8 P  
**TITLE:** CURING LIGHT  
**SERIAL NO.:** 10/072,613  
**FILED:** February 5, 2002  
**ASSIGNEE:** Cao Group, Inc.

Assistant Commissioner for Patents  
Washington, DC 20231


**INFORMATION DISCLOSURE STATEMENT**

Honorable Assistant Commissioner:

Applicant submits herewith PTO-1449 forms and cited references.

Applicant also requests the Examiner to consider references cited in each of the patent applications to which this patent application claims priority.

Respectfully submitted this 31st day of July, 2002.

  
Daniel McCarthy  
Reg. No. 36,600  
McCarthy & Sadler, LC  
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(801) 323-9399

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TC-2800 MAIL ROOM



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**CERTIFICATE OF MAILING**

Honorable Assistant Commissioner:

I hereby certify that the attached Information Disclosure Statement is being submitted via First Class Mail with the United States Postal Service in an envelope with sufficient postage addressed to "Assistant Commissioner for Patents, Washington, DC 20231" on this 31st day of July, 2002.

  
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Form PTO-1449

**INFORMATION DISCLOSURE CITATION  
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(Use several sheets if necessary)

Docket Number (Optional)

03761.012/5061.8

Application Number

10/072,613

Applicant Cao

Filing Date 02/05/02

Group Art Unit 2875

**U.S. PATENT DOCUMENTS**

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE

**FOREIGN PATENT DOCUMENTS**

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO

**OTHER DOCUMENTS** (Including Author, Title, Date, Pertinent Pages, Etc.)

	Guido Goracchi, Giovanni Mori, Luca Casa de Martinis, "Curing light intensity and marginal leakage of resin composite restorations", Quintessence International, volume 27, number 5/1995 (8 pages)
	Hiromasa Kato, "Relationship between the velocity of polymerization and adaptation to dental cavity wall of light cured composites", Dental materials Journal 6(1):32-37 (1987) (6 pages)
	Uno, S., Asmussen, E., "Selected variables in bonding to dentin", Scand. J. Dent. Res. 1992: 100: 130-2 (2 pages)
	G.L. Unterbrink and R. Muessner, "Influence of light intensity on two restorative systems", J. Dent., vol. 23, no. 3, pp. 183-189 (1995) (7 pages).

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.

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03761.012/5061.8

Application Number

10/072,613Applicant CaoFiling Date 02/05/02Group Art Unit 2875**U.S. PATENT APPLICATIONS**

EXAMINER INITIAL	SERIAL NUMBER	FILING DATE	Title	Inventor		
	10/080,489	February 22, 2002	Light-Curing Device with Detachably Interconnecting Light Application	Dan E. Fischer, DDS Bruce S. McLean		
	10/068,397	February 5, 2002	Curing Light with Plurality of LED's and Corresponding Lenses	Dan E. Fischer, DDS Bruce S. McLean		
	10/068,103	February 5, 2002	Lightweight Hand Held Dental Curing Devices	Dan E. Fischer, DDS Bruce S. McLean		
	10/044,346	January 11, 2002	Optical Lens Used to Focus LED Light	Bruce S. McLean Vasily Nosov		
	10/024,110	December 17, 2001	Heat Sink with Geometric Arrangement of LED Surfaces	Robert R. Scott		

**FOREIGN PATENT DOCUMENTS**

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO

**OTHER DOCUMENTS** (Including Author, Title, Date, Pertinent Pages, Etc.)

		Email from Jens Jenkins [Jjenkins@wnspat.com] to Dan McCarthy Re: Pending Application Information dated Wednesday, April 03, 2002 (2 pages) and listing 5 pending U.S. patent applications.

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	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO
	DE 25 57 920 B2	3/20/1980	Germany	A61C 5/04			X
	DE 29 27 260 A1	2/28/1980	Germany	A61N 5/06			x
	1 570 507	12/8/1976	Great Britain	A61N 5/06		x	
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**OTHER DOCUMENTS** (Including Author, Title, Date, Pertinent Pages, Etc.)


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10/072, 613

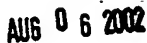
### Group Art Unit

2875

## U.S. PATENT DOCUMENTS

### OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

DATE CONSIDERED



## INFORMATION DISCLOSURE CITATION IN AN APPLICATION

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**Applicant**

Cao

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Group Art Unit **2875**

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**SUBCLASS**

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(Including Author, Title, Date, Pertinent Pages, Etc.)

Letter from John Vickers, III, General Counsel to American Dental Technologies, to Daniel McCarthy dated May 2, 2000.

Letter from Dr. Roland Brem of ESPE Dental AG to Daniel McCarthy dated May 11, 2000.

Letter from Dr. Roland Brem of ESPE Dental AG to Daniel McCarthy dated may 31, 2000.

**Letter from Dr. Roland Brem of ESPE Dental AG to Daniel McCarthy dated June 8, 2000.**

Facsimile dated Friday, May 29, 1998 from Dr. Frederick M. Parkins of the School of Dentistry, University of Louisville to Bob Dalton of ADT regarding final draft sent to Tony Angelini (6 pages).

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Filing Date

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**Group Art Unit**

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## NAME \_\_\_\_\_

**CLASS**

SUBCLASS

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J. Reinhardt and J. Vahl Munster, "Unsicherheiten bei der Prüfung von Photopolymerisaten", Dtsch zahnärztl. Z. 36, 635-640 (1981) in German.

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	6,328,456	12/11/2001	Mize	362	311	3/24/2000
	6,208,788	3/27/2001	Nosov	385	121	7/29/1998
	6,200,134	3/13/2001	Kovac et al	433	29	1/20/1998
	6,103,203	8/15/2000	Fischer	422	186	8/15/2000
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	6,089,740	7/18/2000	Forehand et al	362	573	1/8/1998
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